

PCT

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/582,486

DATE: 12/26/2000
 TIME: 15:24:52

Input Set : A:\Jakempl.app
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12 <120> TITLE OF INVENTION: MODIFIED DEACETOXYCEPHALOSPORIN C SYNTHASE (DAOCS) AND
13   X-RAY STRUCTURE
15 <130> FILE REFERENCE: 08004624
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/582,486
C--> 18 <141> CURRENT FILING DATE: 2000-06-23
20 <150> PRIOR APPLICATION NUMBER: 9727370.0
21 <151> PRIOR FILING DATE: 1997-12-24
23 <150> PRIOR APPLICATION NUMBER: 9813644.3
24 <151> PRIOR FILING DATE: 1998-06-24
26 <160> NUMBER OF SEQ ID NOS: 1
28 <170> SOFTWARE: PatentIn Ver. 2.1
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 311
32 <212> TYPE: PRT
33 <213> ORGANISM: Streptomyces clavuligerus
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39 Leu His Gln Asp Glu Phe Arg Arg Cys Leu Arg Asp Lys Gly Leu Phe
40   20          25          30
42 Tyr Leu Thr Asp Cys Gly Leu Thr Asp Thr Glu Leu Lys Ser Ala Lys
43   35          40          45
45 Asp Leu Val Ile Asp Phe Phe Glu His Gly Ser Glu Ala Glu Lys Arg
46   50          55          60
48 Ala Val Thr Ser Pro Val Pro Thr Met Arg Arg Gly Phe Thr Gly Leu
49   65          70          75          80
51 Glu Ser Glu Ser Thr Ala Gln Ile Thr Asn Thr Gly Ser Tyr Ser Asp
52   85          90          95
54 Tyr Ser Met Cys Tyr Ser Met Gly Thr Ala Asp Asn Leu Phe Pro Ser
55   100         105         110
57 Gly Asp Phe Gly Arg Ile Trp Thr Gln Tyr Phe Asp Arg Gln Tyr Thr
58   115         120         125
60 Ala Ser Arg Ala Val Ala Arg Glu Val Leu Arg Ala Thr Gly Thr Glu
61   130         135         140
63 Pro Asp Gly Gly Val Glu Ala Phe Leu Asp Cys Glu Pro Leu Leu Arg
64   145         150         155         160
66 Phe Arg Tyr Phe Pro Gln Val Pro Glu His Arg Ser Ala Glu Glu Gln
67   165         170         175
69 Pro Leu Arg Met Ala Pro His Tyr Asp Leu Ser Met Val Thr Leu Ile

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70          180          185          190
72 Gln Gln Thr Pro Cys Ala Asn Gly Phe Val Ser Leu Gln Ala Glu Val
73          195          200          205
75 Gly Gly Ala Phe Thr Asp Leu Pro Tyr Arg Pro Asp Ala Val Leu Val
76          210          215          220
78 Phe Cys Gly Ala Ile Ala Thr Leu Val Thr Gly Gly Gln Val Lys Ala
79 225          230          235          240
81 Pro Arg His His Val Ala Ala Pro Arg Arg Asp Gln Ile Ala Gly Ser
82          245          250          255
84 Ser Arg Thr Ser Ser Val Phe Phe Leu Arg Pro Asn Ala Asp Phe Thr
85          260          265          270
87 Phe Ser Val Pro Leu Ala Arg Glu Cys Gly Phe Asp Val Ser Leu Asp
88          275          280          285
90 Gly Glu Thr Ala Thr Phe Gln Asp Trp Ile Gly Gly Asn Tyr Val Asn
91          290          295          300
93 Ile Arg Arg Thr Ser Lys Ala
94 305          310

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VERIFICATION SUMMARY
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L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date